

Purchase Order Receipt Listing

Monday, June 19, 2017 10:37:59 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36706 All Receipt Dates All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO36706	1		M174R0.750	f	6/21/2017	6/19/2017	24.0000	\$5.88	0.0000	0	\$141.13
CAD	No		17-4 round bar .750 m137823	f	24.0000	PLOU01		\$141.13	0.0000	0	
	2		M303R0.750	f	6/21/2017	6/19/2017	48.0000	\$3.32	0.0000	0	\$159.49
	No		303 Round Bar 0.750 m137823	f	48.0000	PLOU01		\$159.49	0.0000	0	
	3		M303R1.000	f	6/21/2017	6/19/2017	24.0000	\$5.91	0.0000	0	\$141.77
	No		303 Round Bar 1.00 m137823	f	24.0000	PLOU01		\$141.77	0.0000	0	
	6		71401-45		6/21/2017	6/19/2017	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES m137823		1.0000	PLOU01		\$0.00	0.0000	0	

Total Received Quantity: 97.0000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$442.39
 Total Balance Due Quantity: 0.0000

BILL OF LADING

No: PEC 50421

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 16Jun17 at 12:04 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

BILL OF LADING

1) Our Order PEC- 61932- 1 Your PO # 36706
 STAINLESS STEEL ROUND BAR 17-4 STAINLESS
 .750" DIA X 144.0000"

Heat Number
 264862

Tag No
 661229

Quantity
 24 FT

PCS
 2

Wt LBS
 36

MTR

2) Our Order PEC- 61932- 2 Your PO # 36706
 STAINLESS STEEL ROUND BAR 303 STAINLESS
 .750" DIA X 144.0000"

Heat Number
 249D

Tag No
 661230

Quantity
 48 FT

PCS
 4

Wt LBS
 72

MTR

3) Our Order PEC- 61932- 3 Your PO # 36706
 STAINLESS STEEL ROUND BAR 303 STAINLESS
 1.00" DIA X 144.0000"

Heat Number
 372N

Tag No
 661231

Quantity
 24 FT

PCS
 2

Wt LBS
 64

MTR

TOTAL: Tags 3 PCS 8 LBS 172

Heat Number
 249D
 264862
 372N

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR

807-6-19

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 50421

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 16Jun17 at 12:04 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL GW. 180 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 2 Last

ALUMINIUM - BRONZE - CUIVRE - PLASTIQUE - ACIER INOX
ALUMINIUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

**Acciaierie
Valbruna S.p.A.**



**CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004), 3.1**

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephon number : 0039 (0) 444968211

Clients / Destinatari/Receives/Clients
VALBRUNA CANADA LTD
8724 HOGGATE CRESCENT
L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Procuretor: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Hersteller/Hersteller

Avviso di Spedizione: D-VII5007177
Lieferanten-Prüfung/Inspektion

Ordine nr: 406004638 Stock - Canada
Bestellnummer/Bestellnummer

Certificato nr: MEST657800/2015/
Prüfung/Prüfung

Conferma ordine nr: EI14006917
Werk-Order/Order

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Style de l'usine productrice



Stato di fornitura: Hot rolled - COND. A Peeled Reeled/Polished
Lieferzustand/Delivery status/État de livraison

Tipo di Elaborazione: E+AOD
Erzeugnisverfahren/No. 1 process/Mode d'élaboration

Punzone de Collaudatore:
Stempel des Werkstufschweißend gen
Inspector's stamp/Prüfung der Inspektion

Specifiche:
Anforderungen / Requirements / Exigences

VSI 2 630 A
AMS 5643 T S17400 A
ASTM A564 2013 S17400 A

AISI 630
ASME SA564 2013 S17400 A (0)

AMS 2303 F
ASTM A370 2014

(0) SECTION II PT.A 2013 EDITION

Qualità: 630
Werkstoff/Grade/Qualität

Marca: V174
Werkstoff/Grade/Qualität

Tolleranza: ASTM A484-14a TABLE 7
Toleranz/Tolerance/Toleranz

Punzonatura: 630
Kerndurchführung/Marking/Markierung

DAS
39
9-85

Pos. nr. Pos. n. Item nr. Nr. de poste	Oggetto Gegenstand Product description Description du produit	Dimensioni - In Abmessungen Dimensions	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Peso - LB Gewicht Weight Poids	Lotto nr. Losnr. Lot nr. Lot nr.
0030	Round	0,7500	146 / 147	264862	1.995	414806100

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf Lieferzustand Produkt Test à l'état de fourniture Prueba sobre el material así como entregado

TEST	Prova/Prüfung Specification/Specifikation Lieferanten-Spezifikation Spécification Client, Code Werk-Code, Prüfungs- Art, Norm, etc. mm	Prova/Prüfung Specification/Specifikation Lieferanten-Spezifikation Spécification Client, Code Werk-Code, Prüfungs- Art, Norm, etc. mm	Snervamento Stressgrenze Yield Stress Elastic Limit Elastic Limit	Snervamento Stressgrenze Yield Stress Elastic Limit Elastic Limit	Resistenza Zugfestigkeit Tensile Strength Tensile Strength	Allungamento Zugdehnung Elongation Elongation	Strizione Einknickung Reduction of Area Reduction of Area	Resilienza Härte Hardness Hardness	Durezza Härte Hardness Hardness
	Valori richiesti Anforderungen, spez. Requirements Values demanded	min max							
A									363

TEST	min	max
A Delta Ferrite		5,0
A Grain size for ASTM E112		1,0 %
A RATINGS FREQUENCY		8
A RATINGS SEVERITY		0

Sample cond. H900

Tipo Trattamento	Temperatura	Raffreddamento	Permanenza	Tipo Trattamento	Temperatura	Raffreddamento	Permanenza	Tipo Trattamento	Temperatura	Raffreddamento	Permanenza
Werkstoffbehandlung	Temperatur	Abkühlung	Haltezeit	Werkstoffbehandlung	Temperatur	Abkühlung	Haltezeit	Werkstoffbehandlung	Temperatur	Abkühlung	Haltezeit
Heat Treatment	Temperature	Cooling	Retention	Heat Treatment	Temperature	Cooling	Retention	Heat Treatment	Temperature	Cooling	Retention
Aging	900 °F	AIR	60								

TEST	Prova/Prüfung	° F	Snervamento	Snervamento	Resistenza	Allungamento	Strizione	Resilienza	Durezza
	Specification/Specifikation Lieferanten-Spezifikation Spécification Client, Code Werk-Code, Prüfungs- Art, Norm, etc. mm								
	Valori richiesti 1	min	170	-	190	-	10	-	388
	Anforderungen, spez. Requirements Values demanded	max						40	444
B	12,5	68	L	182	204	18	53		429

Mechanical properties according to ASTM A370.
Delta Ferrite according to AMS 2315.

* Il lungo residuo (longe, T-Value) è dato da: Q-Toleranz-Zugfestigkeit

Vicenza, 12/03/15 V00058 (MAC) MCEZ	Il collaudatore di stabilimento / der Werkstoffverständiger / Works Inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 17-4 STAINLESS
.750" DIA X 144.0000"
PART NO.

PO/Rel 36706

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-050421-001

16Jun17

Signed by:

Pg 2/2

**Acciaierie
Valbruna S.p.A.**



**CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004) , 3.1**

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephon number : 0039 (0) 444968211

Cliente / Besteller/Kaufmann/Client
VALBRUNA CANADA LTD
8724 HOGGATE CRESCENT
L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Hersteller/producer

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI15007177
Lieferanfrage/Packing list B.L.

Ordine nr: 406004838 Stock - Canada
Bestell/Your order/Commande

Certificato nr: MEST657800/2015/
Prüfung/Tests/Essai

Conferma ordine nr: EI14006917
Works/Our Order/Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Sigle de l'usine productrice

Punzone da Collaudatore:
Stempel des Werkstoffverständigen
Inspector's stamp/Pointon de l'essayeur



Stato di fornitura: Hot rolled - COND. A Peeled Reeled/Polished
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Finishing process/Mode d'élaboration

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata: Heat Schmelze/Coulée	min- max 0,070	1,00	1,00	15,00 17,00	0,50	3,00 5,00	3,00 5,00	-	0,040	0,030	0,050	-	-	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %	Ta %			
264862	0,031	0,42	0,42	15,23	0,17	3,40	4,53	0,043	0,025	0,001	0,037	0,0001			

Colata: Heat Schmelze/Coulée	min 0,150 max 0,350	5°C 0,350	-	-	-	-	-	-
	Nb%+Ta%	Cb(Nb)%						
264862	0,291	0,291						

Ultrasonic volumetric test according to ASTM A388: pass.

Micro and macro etch test: satisfactory.

Produced without class I-II Ozone depleting substances.

Macroetch test per ASTM E340: acceptable.

Furnace calibrated according to AMS-H-6875;A;APRIL 2006

Reduction ratio = 103,2 : 1

Material solution annealed 1904°F for 1 h ,

air cooled to below 90°F.

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
Die genannten Anforderungen sind erfüllt. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été livré conforme aux exigences

Controllo antimiscelanza: OK
Verwechslungsprüfung: entspricht analytisch durchgeführt
Antimixing testing performed: OK
Contrôle anti mélange fait: r.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze
Baugangung und Abmessung: ohne Beanstandung
Visual inspection and dimensional checks satisfactory
Contrôle visuel et dimensionnel satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1 s. 4.3 by TÜV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 12/03/15
VCD008
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkstoffverständiger / Works inspector / l'agent d'usine

M. Rizzotto

Pagina - 2 di 2

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 303 STAINLESS
750" DIA X 144.0000"
PART NO.

PO/Rel 36706

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-050421-002

16Jun17
Pg 1/1



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 275322 10

Mail To:

Ship To:

Date: 3/20/2017 Page: 1

Customer: 007206 001

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Steel: 303
Finish: GP

Corrosion:

Your Order: PEC282004

NAS Order: IN 0244773 01

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30300, ASTM A582/J2 EN 10204 3.1, ASTM A484/15
AMS 5640V TYPE 1, 688-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DPAK 252.225-7009 EU DIRECTIVE
2011/65/EU, ROHS, EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BI4408 0		.7500		1,128	144.00	4	1	

DAS 39
9-89

CHEMICAL ANALYSIS CM(Country of Met) ES(Spain) US(United States) ZA(South Africa) JP(Japan)
Lab Accreditation Bureau, ISO/IEC 17025, Certificate# 12323
Chemical Analysis per ASTM A751/14a

NAS Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
249D	US	.0370	.1260	17.2270	.3165	1.8875	.2730	.0524	8.5180	.0275
	S %	SI %								
	.3110	.2860								

MECHANICAL PROPERTIES

Product Id	Y S	T S	R A	E L O N G
	MPa	MPa	%	%
BI4408 0	194.0	83.36	109.93	32.29
	KSI	KSI		
				21.33

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 303 STAINLESS
1.00" DIA X 144.0000"
PART NO.

P.O./Ref 36706

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-050421-003

16 Jun 17
Pg 1/1



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 300263 7 Mail To:

Customer: 007206 001 THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 6/06/2017 Page: 1

Steel: 303

Finish: CD

Your Order: PEC283971

PEC283971

NAS Order: IN 0248248 01

Corrosion:
Red Ratio: 69.4 : 1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30300, ASTM A582/12 EN 10204 3.1, ASTM A484/15
AMS 5640V TYPE 1, 008-7643 CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN, ASTM F899/12b

REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7609 EU DIRECTIVE
2011/65/EU. ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product ID	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BT1717 3		1.0000		1.073	144.00	2	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)									
Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323									
Chemical Analysis per ASTM A751/14a									
DASMS Heat	CM	C %	CO %	CR %	CU %	FE %	MO %	N %	NI %
39 372N	DS	.0260	.1240	17.1650	.3430	1.9400	.2850	.0428	8.5990
9-89									.0330

S %	SI %
.3110	.2780

MECHANICAL PROPERTIES

Product ID	1 1/4 O Z	HB No.	.218 KSI	UTS KSI	RA %	Elong % 4D
BT1717 3	R L	221.0	77.74	113.97	38.64	28.82

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M174 Ro.750
 DATE: 17-06-19

PO / BATCH NO.: 0036706/M137823

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750
 THICKNESS RECEIVED: .750
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y N	Asm A564
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	Ht # 264862
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS 39</u> DATE: <u>17-06-19</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 1303RG.750
 DATE: 17-06-19

PO / BATCH NO.: PO36706/4137823

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 48'
 QUANTITY INSPECTED: 48'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750
 THICKNESS RECEIVED: .750
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	ASTM A582
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	HT# 24910
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>39</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>17-06-19</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R1,000
 DATE: 17-06-19

PO / BATCH NO.: PO36706/M137823

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1"
 THICKNESS RECEIVED: 1"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>ASTM A582</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>41 #372N</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB 9-8</u> DATE: <u>17-06-19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36706

Purchase Order Date 6/15/2017

PO Print Date 6/15/2017

Page Number 1 of 3

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
JUN 15 2017

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	M174R0.750 ✓	17-4 round bar .750 ✓	6/21/2017 Yes 6/21/2017		24.00 ✓ f 21	\$7.94	\$190.53
17-4PH/S17400/TYPE 630 SS ROUND BAR PER AMS 5643/ASTM A564 GRAIN MUST BE ALONG LENGTH OF BAR. MINIMUM YIELD TENSILE STRENGTH = 100KSI MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI							

Line Total: \$190.53

2	M303R0.750 ✓	303 Round Bar 0.750 ✓	6/21/2017 Yes 6/21/2017		48.00 ✓ f 4x	\$4.49	\$215.33
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MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$215.33

PO Instructions: NO: PEC ST-61149

Note:

6/15/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36706**

Purchase Order Date 6/15/2017

PO Print Date 6/15/2017

Page Number 2 of 3

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

3	M303R1.000	303 Round Bar 1.00	6/21/2017 Yes 6/21/2017	24.00 f	\$7.98	\$191.40
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MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$191.40

4	M6061T6S.080	6061-T6 .080 Sheet	6/21/2017 Yes 6/21/2017	96.00 sf	\$3.86	\$370.46
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MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$370.46

5	M7075T6S.160	7075-T6 Sheet .160	6/29/2017 Yes 6/29/2017	48.00 sf	\$15.81	\$759.00
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MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12
OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209

Line Total: \$759.00

PO Instructions: NO: PEC ST-61149

Note:

6/15/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36706

Purchase Order Date 6/15/2017

PO Print Date 6/15/2017

Page Number 3 of 3

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

6	71401-45	PROCUREMENT QUALITY CLAUSES	✓	6/21/2017	1.00	✓	\$0.00	\$0.00
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No

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

817-619.

Line Total: \$0.00

PO Total: \$1,726.72

PO Instructions: NO: PEC ST-61149

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 6/15/2017